The United States Army Information Systems Software Center (USAISSC)

Overview Briefing
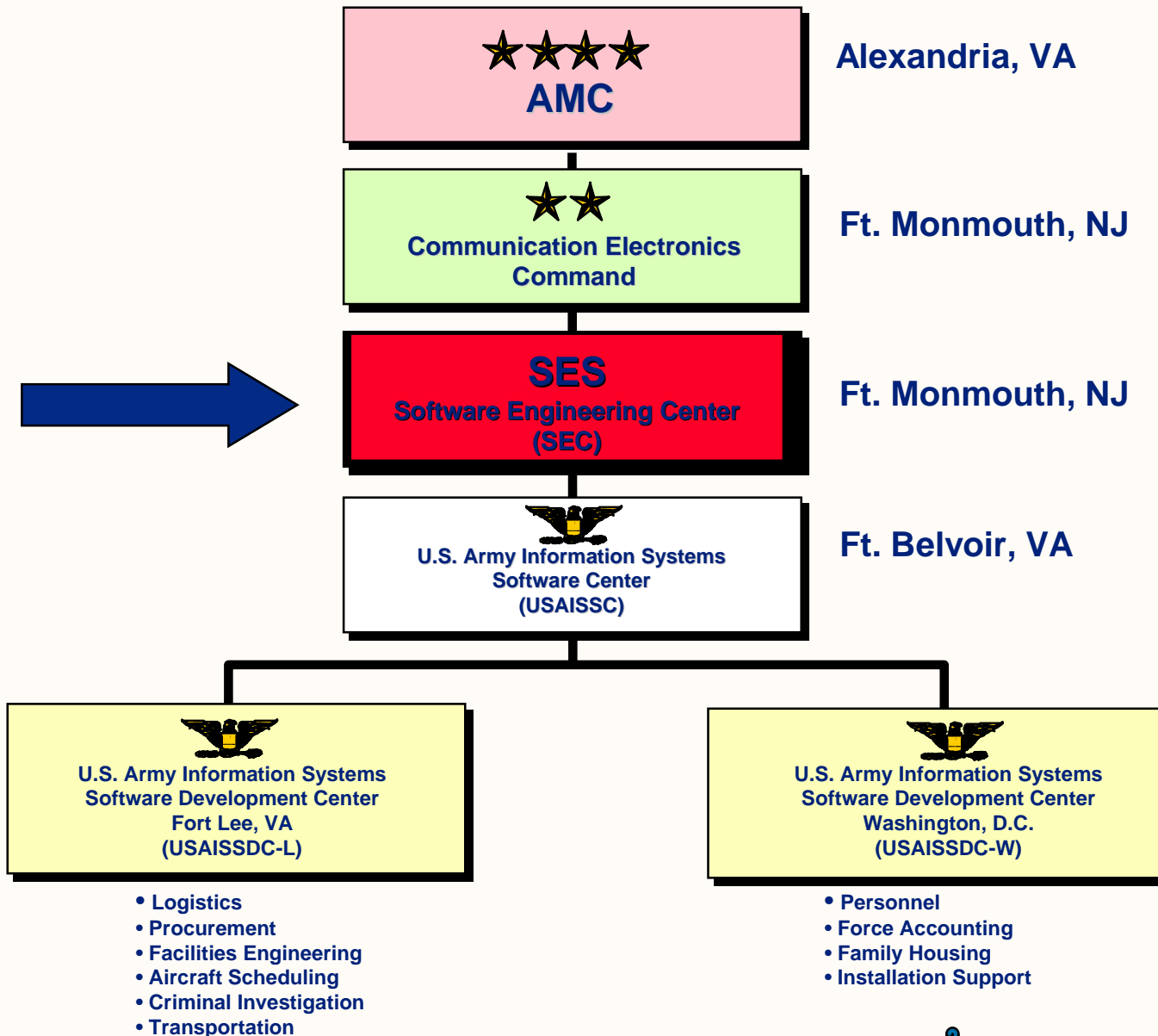
Agenda

- **INTRODUCTION**

- **ORGANIZATION AND MISSION**

- **WHAT WE DO**

- **CONCLUSION**

Chain of Command

★★★★
AMC

Alexandria, VA

★★
Communication Electronics Command

Ft. Monmouth, NJ

SES
Software Engineering Center (SEC)

Ft. Monmouth, NJ

U.S. Army Information Systems Software Center (USAISSC)

Ft. Belvoir, VA

U.S. Army Information Systems Software Development Center Fort Lee, VA (USAISSDC-L)

- Logistics
- Procurement
- Facilities Engineering
- Aircraft Scheduling
- Criminal Investigation
- Transportation

U.S. Army Information Systems Software Development Center Washington, D.C. (USAISSDC-W)

- Personnel
- Force Accounting
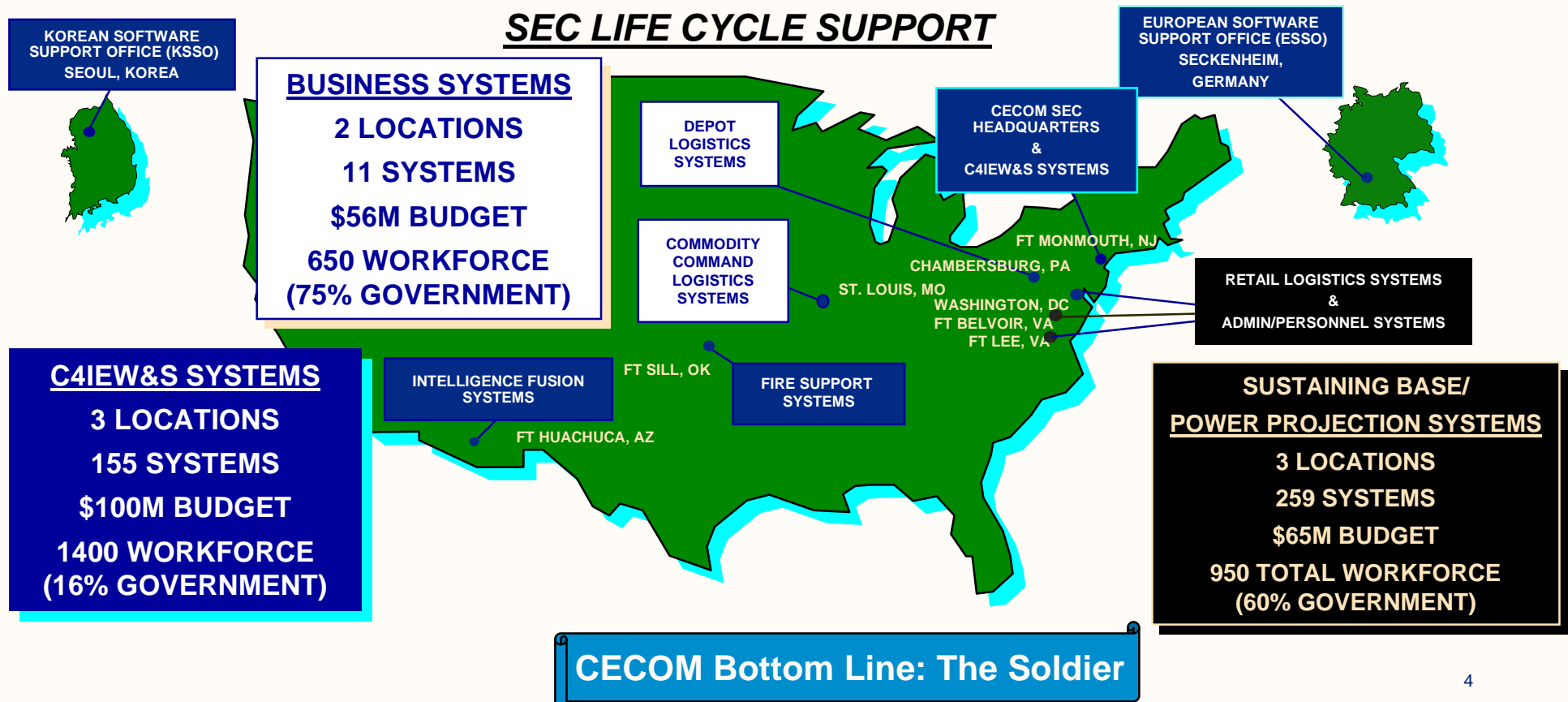- Family Housing
- Installation Support

CECOM Bottom Line: The Soldier

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Software Engineering Center

- **LIFE CYCLE SUPPORT OF 80% OF ARMY SOFTWARE**
  DEVELOPMENT - PRODUCTION & DEPLOYMENT - OPERATIONAL SUPPORT
  PLATOON/COMPANY THROUGH NATIONAL, THEATER, AND JOINT
- **VERTICAL & HORIZONTAL INTEGRATION AND INTEROPERABILITY**
- **SOFTWARE ARCHITECTURE AND RAPID SOFTWARE DEVELOPMENT**
  - **CECOM PM Y2K**

SEC LIFE CYCLE SUPPORT

KOREAN SOFTWARE SUPPORT OFFICE (KSSO)
SEOUL, KOREA

EUROPEAN SOFTWARE SUPPORT OFFICE (ESSO)
SECKENHEIM, GERMANY

BUSINESS SYSTEMS

2 LOCATIONS

11 SYSTEMS

$56M BUDGET

650 WORKFORCE
(75% GOVERNMENT)

DEPOT LOGISTICS SYSTEMS

CECOM SEC HEADQUARTERS & C4IEW&S SYSTEMS

COMMODITY COMMAND LOGISTICS SYSTEMS

FT MONMOUTH, NJ

CHAMBERSBURG, PA

ST. LOUIS, MO

WASHINGTON, DC
FT BELVOIR, VA
FT LEE, VA

RETAIL LOGISTICS SYSTEMS & ADMIN/PERSONNEL SYSTEMS

C4IEW&S SYSTEMS

3 LOCATIONS

155 SYSTEMS

$100M BUDGET

1400 WORKFORCE
(16% GOVERNMENT)

INTELLIGENCE FUSION SYSTEMS

FT SILL, OK

FIRE SUPPORT SYSTEMS

FT HUACHUCA, AZ

SUSTAINING BASE/ POWER PROJECTION SYSTEMS

3 LOCATIONS

259 SYSTEMS

$65M BUDGET

950 TOTAL WORKFORCE
(60% GOVERNMENT)

CECOM Bottom Line: The Soldier

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- **LIFE CYCLE PERSPECTIVE**

- **CROSS-FUNCTIONAL PERSPECTIVE**
  - **C4IEW&S APPLICATIONS**
  - **SUSTAINING BASE/POWER PROJECTION APPLICATIONS**
  - **AMC BUSINESS APPLICATIONS**

- **SOLE MOTIVATION IS "BEST INTEREST OF ARMY"**

- **DECADES OF CORPORATE EXPERIENCE IN SOFTWARE SYSTEMS!**
  - **C4IEW&S - SINCE EARLY 1970s**
  - **SUSTAINING BASE/POWER PROJECTION - SINCE 1960s**
  - **AMC BUSINESS SYSTEMS - SINCE 1960s**

NOBODY HAS THE CAPABILITY THAT WE HAVE!

SEC Strategic Objectives

- **DELIVER THE SOFTWARE PRODUCTS AND SERVICES THAT WE PROMISED TO OUR CUSTOMERS**

- **IMPROVE OUR SOFTWARE PRODUCTS/SERVICES**

- **IMPROVE OUR TECHNICAL AND BUSINESS PROCESSES**

- **TAKE CARE OF PEOPLE**

SEC FY 99 Priorities

- **Y2K**

- **SINGLE STOCK FUND (SSF) SOFTWARE DEVELOPMENT**

- **WHOLESALE LOG MODERNIZATION**

- **FIRST DIGITIZED DIVISION SUPPORT**

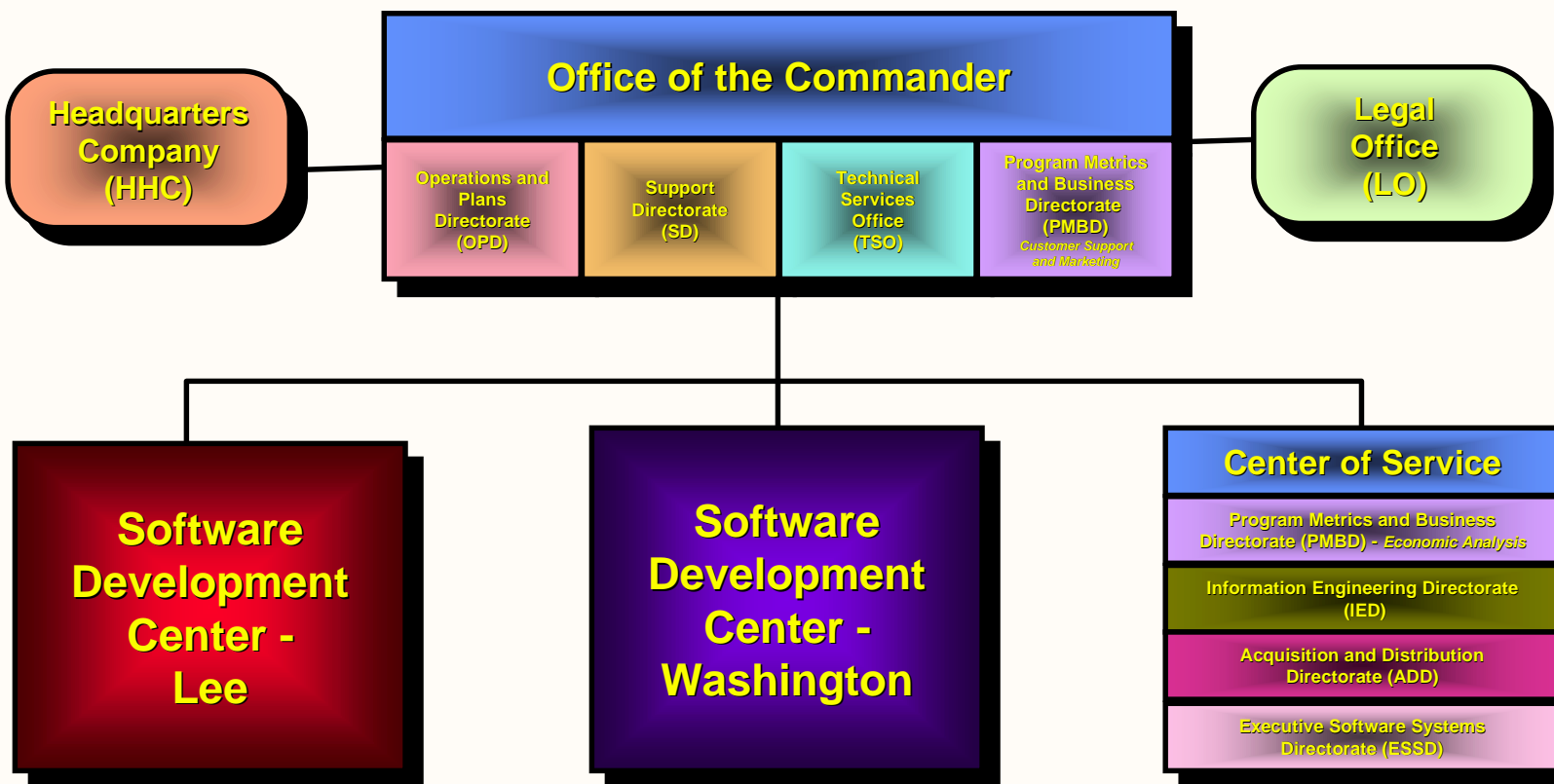- **INFORMATION ASSURANCE/C PROTECT**

- **TOTAL COST OF OWNERSHIP INITIATIVES**

- **SEC RESHAPE**

Chain of Command

★★★★
AMC — Alexandria, VA

★★
Communication Electronics Command — Ft. Monmouth, NJ

SES
Software Engineering Center (SEC) — Ft. Monmouth, NJ

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- Family Housing
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CECOM Bottom Line: The Soldier

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Organizational Structure

Office of the Commander

- Operations and Plans Directorate (OPD)
- Support Directorate (SD)
- Technical Services Office (TSO)
- Program Metrics and Business Directorate (PMBD) *Customer Support and Marketing*

Headquarters Company (HHC)

Legal Office (LO)

Software Development Center - Lee

Software Development Center - Washington

Center of Service

- Program Metrics and Business Directorate (PMBD) - *Economic Analysis*
- Information Engineering Directorate (IED)
- Acquisition and Distribution Directorate (ADD)
- Executive Software Systems Directorate (ESSD)

On Board Strength

	SDC-L			SDC-W			HQ			TOTAL		
	Mil	**Civ**	**Ktr**	**Mil**	**Civ**	**Ktr**	**Mil**	**Civ**	**Ktr**	**Mil**	**Civ**	**Ktr**
	58	229	116	19	100	91	33	141	54	110	470	26
Officers	17			10			7					
Enlisted	41			9			25					

GRAND TOTAL 842

CECOM Bottom Line: The Soldier

Mission

To build and support quality information systems for government customers.

Major Systems Responsibility
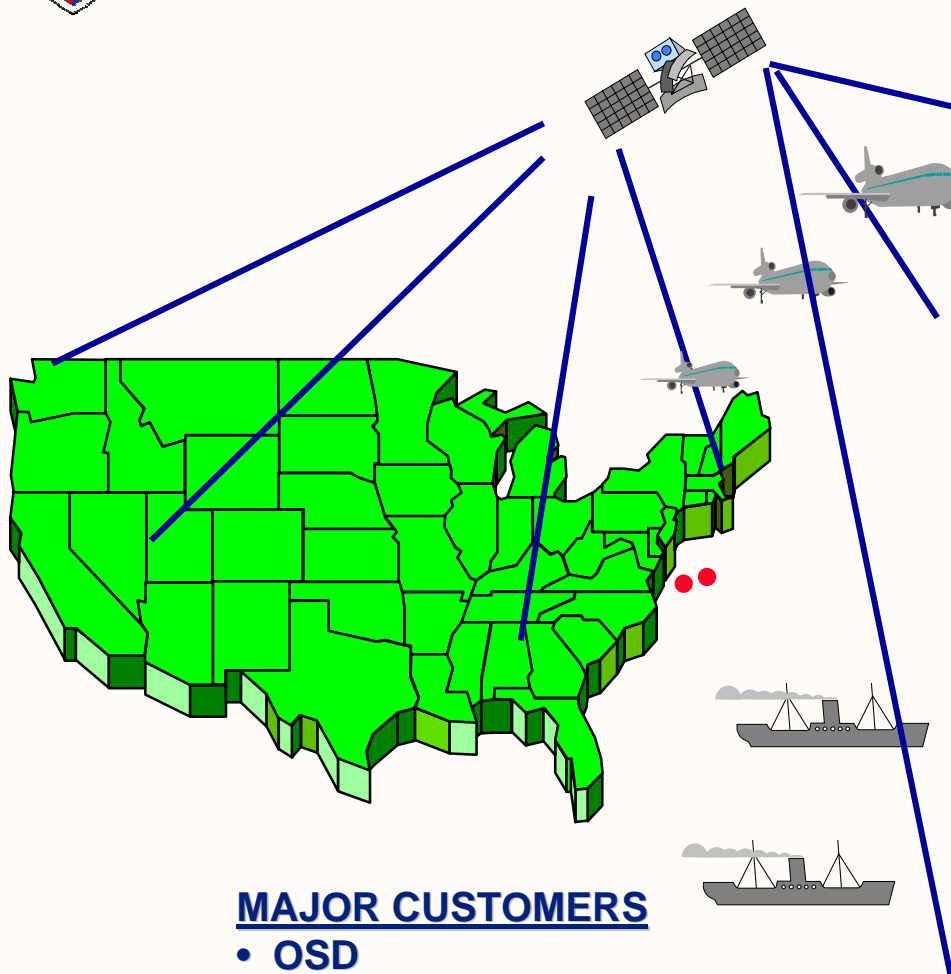
259 SUSTAINING BASE SYSTEMS

RETAIL LOGISTICS

INSTALLATION MANAGEMENT

FORCE ACCOUNTING

PERSONNEL

ACQUISITION

BUDGET $75.0M

MAJOR CUSTOMERS
- OSD
- JOINT
- DA
- AMC
- PEO STAMIS
- PMs
- FIELD UNITs
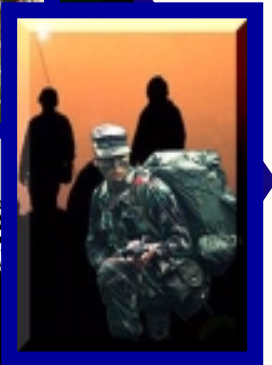
CECOM Bottom Line: The Soldier

PRODUCTS AND SERVICES

ACQUISITION MANAGEMENT

TECHNICAL SUPPORT

SOFTWARE CONFIGURATION MANAGEMENT

RISK MANAGEMENT

ACQUISITION SUPPORT

SOFTWARE RELEASE MANAGEMENT

COSTING

PROVIDE TRAINING

SOFTWARE & DATA REUSE

CONTRACT MANAGEMENT

VENDOR & MAINTENANCE SUPPORT

REQUIREMENT VALIDATION & PROCESSING

CONSULTING

SOFTWARE DEVELOPMENT

DESIGN EASY TO USE SYSTEMS

SOFTWARE ENGINEERING CENTER
S E C
CECOM
ENABLING BATTLESPACE DOMINANCE FOR THE WARFIGHTER
SUPERIOR PRODUCTS AND SERVICES

CECOM Bottom Line: The Soldier

Acquisition and Distribution Directorate

ACQUISITION MANAGEMENT

Requirement Validation and Processing

Pre and Post Contract Management

Source Selection Evaluation Support

License Management

Government and Industry Partnering

CECOM Bottom Line: The Soldier

Acquisition and Distribution Directorate

SOFTWARE RELEASE MANAGEMENT

Release Authority and Control

Media/Documentation Duplication

Maintain Warehouse Stockage

Distribution Service

CECOM Bottom Line: The Soldier

Executive Software Systems Directorate

EXECUTIVE SOFTWARE SUPPORT

Software Configuration Management

Technical Support
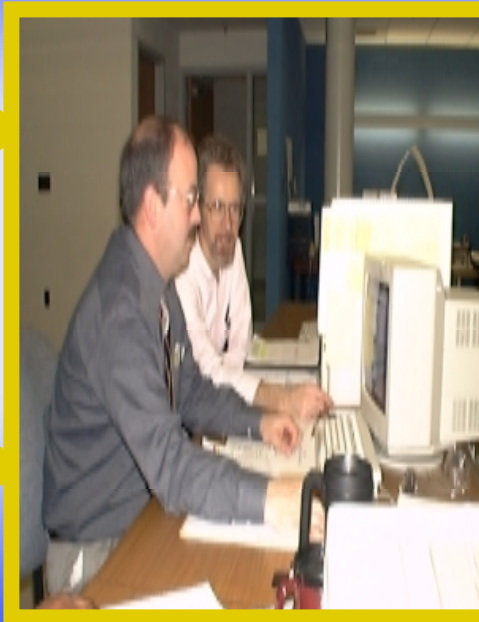
Vendor and Maintenance Support

CECOM Bottom Line: The Soldier

Information Engineering Directorate

REUSE

Reuse Management

Reuse Asset Acquisition

Reuse Education and Technology Transfer
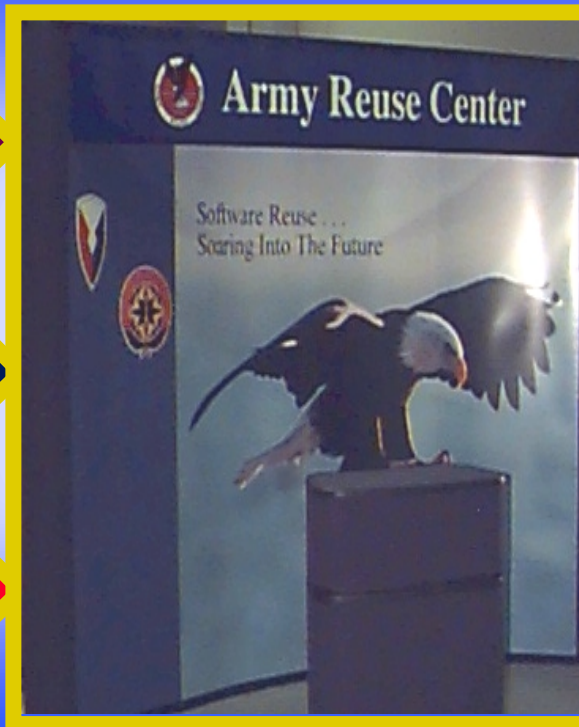
Domain Analysis

Architecture and Data Management

Domain Implementation

CECOM Bottom Line: The Soldier

Information Engineering Directorate

NETWORK SERVICES

Offer Network Operations, Support and Consulting
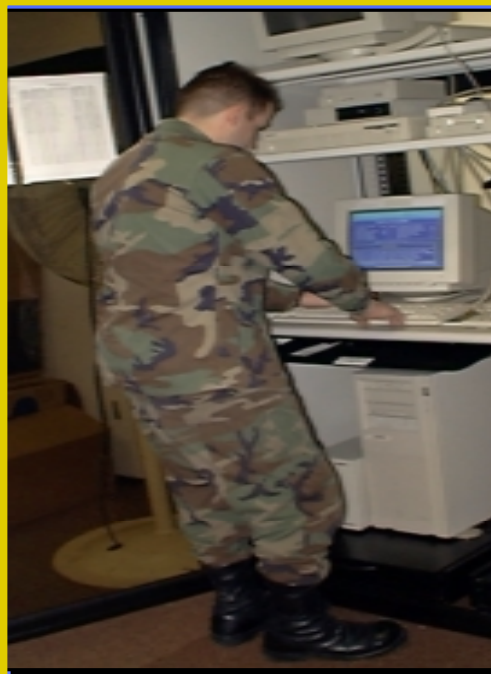
Offer Web Products Development and Maintenance

Offer Media Center and Groupware Support

CECOM Bottom Line: The Soldier

PROGRAM METRICS

Major Costing Service

Risk Management Services

CECOM Bottom Line: The Soldier

APPLICATION TEST LAB

COUNTDOWN

Hours

Weekends

Days

Months

Project Management

Technical Support

1 January 2000

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TECHNOLOGY EXPLOITATION

New Technology

Technology Insertion

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What Software Development Centers Do

Software and Systems Definition
- **Requirements Analysis**
- **DOD Compliant**

Systems Fielding
- **Site Surveys**
- **System Delivery**
- **User Training**

Systems Integration
- **SW/HW/COMM**
- **Technology Infusion**
- **Wartime VS Peace**

Information Technology Services

Consulting
- **Program Planning and Tracking**
- **Best Practices**
- **Economic Analysis**

Systems Development
- **Design**
- **Develop**
- **Code**
- **Test**

PDSS
- **Change Package Development**
- **Change Package Release**
- **Baseline Configuration Mgt.**
- **Documentation**
- **Sustainment Training**
- **Help Desk/Field Assistance**

CECOM Bottom Line: The Soldier

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Software Development Center - Lee (SDC-L)
(Fort Lee, Virginia)

Mission

To manage the functional and technical definition design, development, testing, training, extension, and support of assigned Standard Army Automated Information Systems (STAMIS) and automation projects.

SDC-L's Organizational Structure

Office of the Commander

Headquarters Company (HHC)

SGM

Business Management Office

Directorate for Management and Operations
- Resource Management Division
- Operations, Plans, and Security Division
- Technical Operations Division

Directorate for Software Development
- Maintenance Systems Division
- Supply Systems Division
- Transportation Systems Division
- Facilities Systems Division
- Combat Support Division
- Integrated Systems Division

Enterprise Process Group

On Board Strength

Mil	Civ	Ktr	Total
58	229	116	403

Officers - 17
Enlisted - 41

CECOM Bottom Line: The Soldier

SDC-L's Major Systems Responsibility

31 Major Systems With 40,000 Users Worldwide

LOGISTICS
- Retail Supply
- Maintenance
- Property Inventory
- Ammunition
- Integrated Facilities
- Food Management
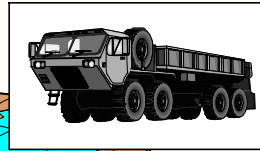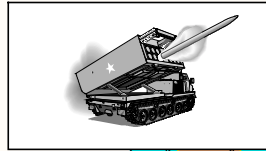
TRANSPORTATION
- Movements Management
- Convoy Operations
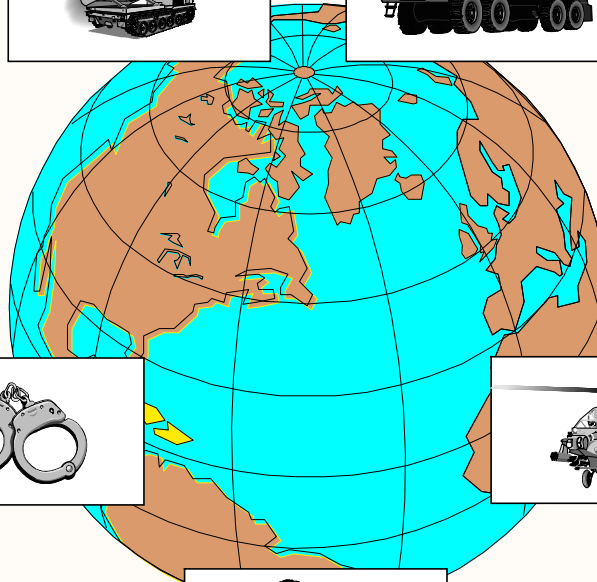
CRIMINAL INVESTIGATION
- Records Management

AVIATION
- Aircraft Scheduling
- Maintenance

CONTRACTING
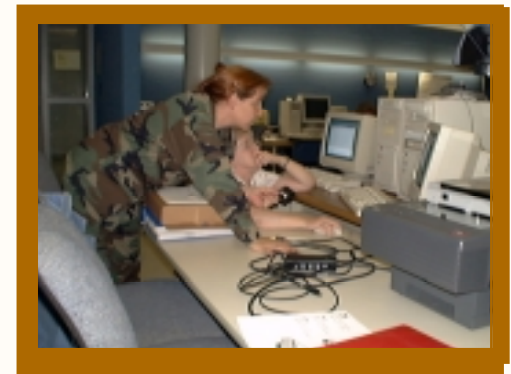- Contract Management

CECOM Bottom Line: The Soldier

Mission

To develop and sustain quality software products that exceed our customers' highest expectations and support the Warfighter.

SDC-W's Organizational Structure

Office of the Commander

Information Engineering Directorate

- HOMES Division
- SBIS/ISM Division
- WINCASS/JRISS Division

Software Systems Directorate

- SIDPERS Division
- Supply Systems Division
- Force Accounting Systems Division
- Ada Systems Division

Information Support Directorate

- Network Management Division
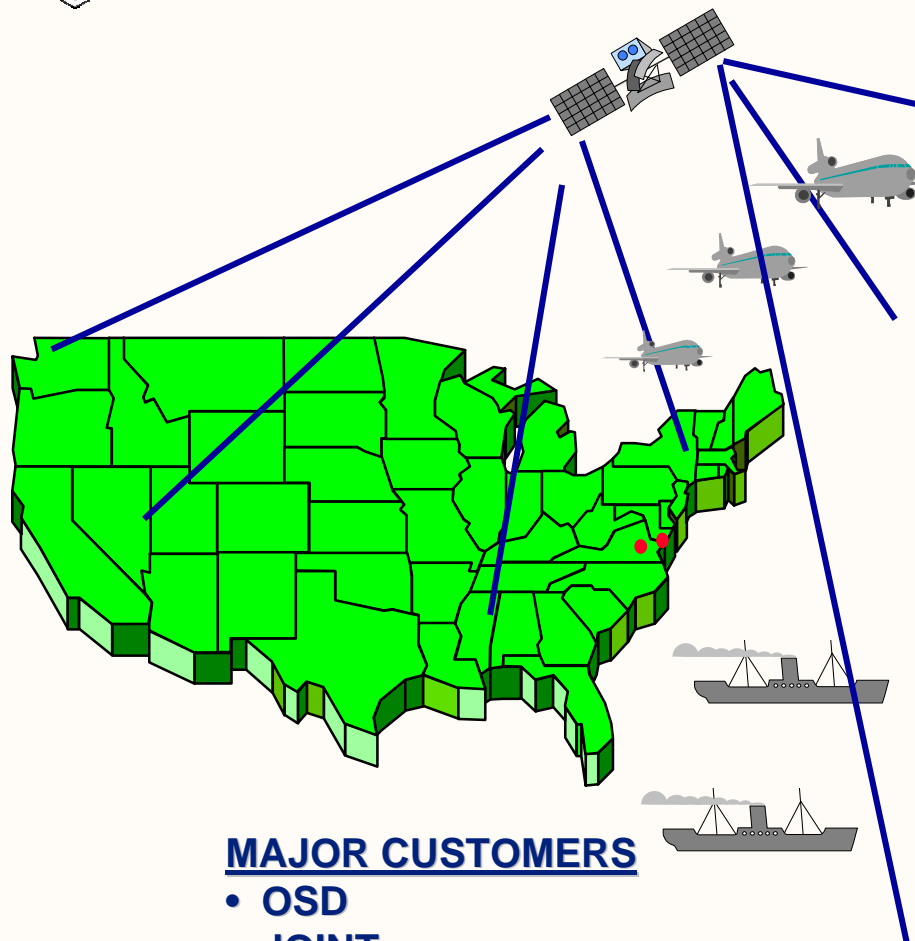- Development Support Division

On Board Strength

Mil	Civ	Ktr	Total
58	229	116	403

Officers - 17
Enlisted - 41

CECOM Bottom Line: The Soldier

SDC-W's Major Systems Responsibility

SUSTAINING BASE SYSTEMS

HOUSING OPERATIONS

INSTALLATION MANAGEMENT

FORCE ACCOUNTING

PERSONNEL

ACQUISITION

UNITED STATES ARMY ACQUISITION CORPS

BUDGET $29.6M

MAJOR CUSTOMERS
- OSD
- JOINT
- DA
- AMC
- PEO STAMIS
- PMs
- FIELD UNITs
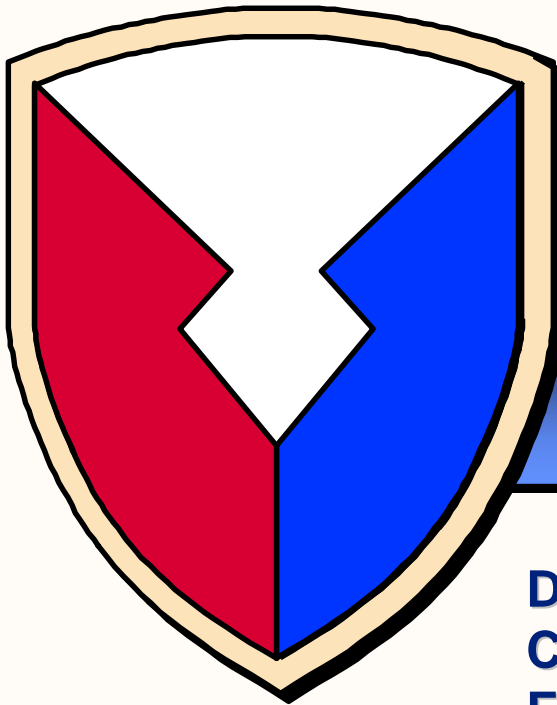
CECOM Bottom Line: The Soldier

Conclusion

- **PART OF CECOM's FAMILY**

- **ONE STOP SHOP**

- **CAPABILITY TO SOLVE YOUR INFORMATION TECHNOLOGY REQUIREMENTS**

- **CAPABILITY TO APPLY RESOURCES TO Y2K PROBLEMS**

CECOM Bottom Line: The Soldier

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Customer Assistance Office: 687-1051(DSN)
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CECOM Bottom Line: The Soldier